CLEAN VERSION OF AMENDMENTS

IN THE TITLE

In accordance with the Examiner's suggestion in paragraph 3 on page 2 of the Office action (Paper No. 7) dated 2 October 2001, Applicant submits herewith a new title in replacement of the original title. Accordingly, please change the title to now read:

--APPARATUS AND METHOD FOR SELF DIAGNOSIS, REPAIR, REMOVAL BY REVERSION OF COMPUTER PROBLEMS FROM DESKTOP AND RECOVERY FROM BOOTING OR LOADING OF OPERATING SYSTEM ERRORS BY REMOVABLE MEDIA--.

IN THE SPECIFICATION

Please enter the following amendments:

1. Please amend the last paragraph on page 6 (page 6, lines 17-21), to read as follows:

Referring to FIG. 5, a computer system having a conflict repair function according to the present invention includes a conflict repair control unit 500, a main memory 510, an input output unit 520, an auxiliary memory unit 530, and a conflict CD-ROM 540. The conflict control unit 500 is comprised of a state information recording portion 502, a conflict sensing portion 504, a state diagnosing portion 506, and an existing state reverting portion 508.

2. Please amend the first complete paragraph on page 8 (page 8, lines 3-15), to read as follows:

The diagnosed contents of the computer system processed the state diagnosing portion 506 will now be described in detail. As for the device, the type of a processor is checked, the capacity of the main memory 510 is found out by checking the state of the main memory 510, the type, resolution, and color of a video card are checked, a check of whether an MPEG card will be

recognized is made by executing an MPEG file, an execution state of a modem command is tested, the operations of each of a floppy disk device, a CD-ROM device, and a digital video disk (DVD) device are tested, and serial/parallel ports are checked. As for the operating system, a check of whether system files in a system directory are damaged is made, and a configuration file and registration information are also checked on whether they are damaged. The state diagnosing portion 506 repairs an abnormality by estimating the cause of generation of the abnormality on the basis of the above diagnosed contents. Also, when a conflict incapable of being repaired by current diagnosis contents occurs, the state diagnosing portion 506 produces a message for reporting the fact to the user.

3. Please amend the first complete paragraph on page 9 (page 9, lines 4-13), to read as follows:

Referring to FIG. 6, the recording medium for conflict repair may be a CD-ROM that records a boot image 600 for booting the computer system form a CD-ROM driver, a program image 610 of an operating system and application programs to be installed, and a CD-ROM repair control program 620. The boot image 600 is an image of system files included in an operating system for managing the operation of a computer system by being loaded in the main memory 510 of the computer system when the computer system sets a CD-ROM driver as a master device to be booted.

The program image 610 is a back-up image of an operating system and application systems which are basically installed in the auxiliary memory unit 530 in the computer system. The program image 610 is compressed and backed up. The program image 610 includes a list of the title, size, directory, and attribute of each file to allow the user to select files to be installed in the auxiliary memory unit 530.

4. Please amend the first paragraph on page 10 (page 10, lines 1-12), to read as follows:

The operation of the present invention will now be described in detail. Referring to FIG. 7, a process for reverting a computer system to its initial software installation state is as follows. First, when the computer system is normally booted, conflict repair control is executed in a background operation to periodically inspect the computer system, in steps 700 and 705. When the conflict repair control unit senses a GPF, a system registry error, or a system hardware information abnormality from the computer system, the computer itself may initiate a self-diagnosis program in step 705 or the user can push button 525 of input/output unit 520 in step 708 to initiate self-diagnosis, it generates a top most window and receives instructions from the user, in steps 710 and 735. When the user presses down on a state diagnostic button to check his or her computer system, the state of the computer system is diagnosed, and when a conflict is sensed, the conflict is immediately fixed using diagnosed contents, in steps 715 through 725. However, when the sensed

conflict cannot be fixed by the diagnosed contents, the conflict repair control unit generates the top most window and receives an instruction from the user, in steps 730 and 735.